



PATENT
Atty. Dkt. WEAT/0422

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Lori G. Acor, et al.

Serial No.: 09/788,115

Confirmation No.: 2612

Filed: February 16, 2001

For: Fluid Heating

§
§
§
§
§
§
§
§
§
§

Group Art Unit: 1751

Examiner: Necholus Ogden, Jr.

Customer No.: 36735

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING 37 CFR 1.8	
I hereby certify that this correspondence is being deposited with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on <u>12 NOV 2004</u> .	
William B. Patterson	
Typed Name	Signature

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

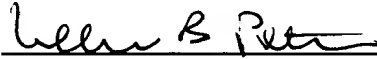
The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

11/17/2004 MBIZUNES 00000030 200782 09788115

01 FC:1806 180.00 DA

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/WEAT/0421/WBP.

Respectfully submitted,



William B. Patterson
Registration No. 34,102
MOSER, PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd. Suite 1500
Houston, TX 77056
Telephone: (713) 623-4844
Facsimile: (713) 623-4846
Attorney for Applicants

Please type a plus sign (+) inside this box →



PTO/SB/08a (08-03)

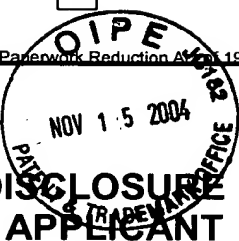
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)



Application Number	09/788,115
Filing Date	February 16, 2001
First Named Inventor	Acor, et al
Group Art Unit	1751
Examiner Name	Necholus Ogden, Jr.
Attorney Docket Number	WEAT/0422
Customer No.	36735
Submission Date	

Sheet 1 of 4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US-2002/0003223	02/16/2001	Smith, et al	
	A2	US-2003/0034478	02/20/2003	Stanley, et al	
	A3	US-3,742,096	06/26/1973	Spivack	
	A4	US-3,901,715	08/26/1975	Callahan, et al	
	A5	US-3,950,950	04/20/1976	Doerner, et al	
	A6	US-3,952,051	04/20/1976	Ogawa, et al	
	A7	US-3,962,874	06/15/1976	Doerner	
	A8	US-4,105,592	08/08/1978	Collins	
	A9	US-4,117,794	10/03/1978	Sjogren	
	A10	US-4,153,473	05/08/1979	Resenbert, et al	
	A11	US-4,192,760	03/11/1980	Junger, et al	
	A12	US-4,355,079	10/19/1982	Rosenberg, et al	
	A13	US-4,372,932	02/08/1983	Haas	
	A14	US-4,444,672	04/24/1984	Gancy	
	A15	US-4,537,694	08/27/1985	Horodysky	
	A16	US-4,581,039	04/08/1986	Horodysky	
	A17	US-4,849,119	07/18/1989	Horodysky	
	A18	US-4,954,279	09/04/1990	Ma, et al	
	A19	US-5,064,551	11/12/1991	Smith	
	A20	US-5,104,562	04/14/1992	Kardos, et al	
	A21	US-5,131,233	07/21/1992	Cray, et al	
	A22	US-5,334,323	08/02/1994	Schrimpf, et al	
	A23	US-5,380,706	01/10/1995	Himes, et al	
	A24	US-5,390,505	02/21/1995	Smith, et al	
	A25	US-5,398,497	03/21/1995	Suppes	

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Please type a plus sign (+) inside this box → +

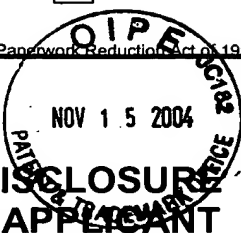
PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	09/788,115
Filing Date	February 16, 2001
First Named Inventor	Acor, et al
Group Art Unit	1751
Examiner Name	Necholus Ogden, Jr.
Attorney Docket Number	WEAT/0422
Customer No.	36735

Sheet 2

4

Submission Date

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A26	US-5,435,930	07/25/1995	Chan, et al	
	A27	US-5,555,738	09/17/1996	DeVault	
	A28	US-5,635,458	06/03/1997	Lee, et al	
	A29	US-5,725,637	03/10/1998	Gavlin, et al	
	A30	US-5,759,436	06/02/1998	Schrimpf, et al	
	A31	US-5,772,912	06/30/1998	Lockyer, et al	
	A32	US-5,846,450	12/08/1998	Atkinson	
	A33	US-5,853,458	12/29/1998	Galvin	
	A34	US-5,935,488	10/10/1999	Weisenfeld, et al	
	A35	US-5,993,684	11/20/1999	Back, et al	
	A36	US-6,058,695	05/09/2000	Ranasinghe, et al	
	A37	US-6,059,989	05/09/2000	Stankowiak, et al	
	A38	US-6,059,996	05/09/2000	Minks	
	A39	US-6,156,226	12/05/2000	Klyosov, et al	
	A40	US-6,195,997	03/06/2001	Lewis, et al	
	A41	US-6,221,276	04/24/2001	Sarin	
	A42	US-6,239,183	05/29/2001	Farmer, et al	
	A43	US-6,287,480	09/11/2001	Berglund, et al	
	A44	US-6,301,897	10/16/2001	Uchida	
	A45	US-6,321,552	11/27/2001	Frederiksen	
	A46	US-6,368,384	04/09/2002	Smith	
	A47	US-6,470,686	02/16/2001	Pierson	
	A48	US-2004/0006966	01/15/2004	Hallman, et al	

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Please type a plus sign (+) inside this box



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	09/788,115
Filing Date	February 16, 2001
First Named Inventor	Acor, et al
Group Art Unit	1751
Examiner Name	Necholus Ogden, Jr.
Attorney Docket Number	WEAT/0422
Customer No.	36735
Submission Date	

Sheet 3 4

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Number-Kind Code ² (if known)				
	B2	GB 606,962	08/24/1948	Sharpe & Dohme		
	B3	GB 716,598	10/06/1954	Szabo, et al		
	B1	GB 903,885	08/22/1962	Camloc Fastener Corp.		
	B4	GB 1 585 265	02/25/1981	Lee		
	B5	SU 1 786 020	01/07/1993	Dzhemilev, et al		
	B6	DE 44 31 233	03/16/1995	Lippert		
	B7	WO 95/29371	11/02/1995	Erickson		
	B8	WO 96/39472	12/12/1996	Aitta, et al		
	B9	WO 97/01612	01/16/1997	Kemira Chemicals		
	B10	DE 196 04 102	07/17/1997	Lehmann		
	B11	WO 99/37733	07/29/1999	Aspen Petroleum		
	B12	WO 01/81497	11/01/2001	Dick, et al		
	B13	WO 01/94494	12/13/2001	Olde, et al		
	B14	WO 01/96723	12/20/2001	Andrepoint		
	B15	WO 03/012001	02/13/2003	Stanley, et al		

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Please type a plus sign (+) inside this box



PTO/SB/08b (08-03)

Approved for use through 08/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO

NOV 15 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	09/788,115
Filing Date	February 16, 2001
First Named Inventor	Acor, et al
Group Art Unit	1751
Examiner Name	Necholus Ogden, Jr.
Attorney Docket Number	WEAT/0422
Customer No.	36735
Submission Date	

Sheet 4

4

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	C1	Alco Gas & Oil Production Equipment Ltd., "Designed and Manufactured Products Heaters", Internet Article, retrieved from the internet on March 21, 2003, last modified on December 21, 2000.	
	C2	XP-002249817, Derwent Publications Ltd., GB; Class C03, AN 1994-033101, Section Ch, Week 199404 (English translation of the Abstract for foreign patent SU 1786020A1)	
	C3	Aittomaki A., et al., Potassium Formate As A Secondary Refrigerant, International Journal of Refrigeration, Page 276-282, Vol. 20, No. 4, June 1997	
	C4	PCT International Search Report, International Application No. PCT/GB/03/10643, dated August 25, 2003	

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.